

***IN THE UNITED STATES PATENT AND TRADEMARK OFFICE***

Applicant: Olli-Pekka Pohjola, et al.  
Title: SECURE UPSTREAM TRANSMISSION  
IN PASSIVE OPTICAL NETWORKS  
Patent. No.: 7,593,638  
Issue Date: 9/22/2009  
Examiner: Hanh Phan  
Art Unit: 2613  
Confirmation Number: 8207

**REQUEST FOR CERTIFICATE OF CORRECTION FOR  
PTO MISTAKE PURSUANT TO 37 C.F.R. § 1.322(a)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed, is a Certificate of Correction, Form PTO-1050, for United States Patent Number 7,593,638 issued September 22, 2009. The following Patent Office printing errors appear in the issued patent:

**ON THE FIRST PAGE OF THE PATENT**

**Abstract, Line 2:**

Replace “point-to-multi point” with “point-to-multipoint”

**Abstract, Line 3:**

Replace “Ether net” with “Ethernet”

**Abstract, Line 10:**

Replace “undependable” with “undecodable”

**IN THE CLAIMS**

**Claim 6, Column 6, Line 56:**

Replace "point-to-multi point" with "point-to-multipoint"

**Claim 14, Column 7, Line 28:**

Replace "point-to-multi point" with "point-to-multipoint"

**Claim 15, Column 8, Line 11:**

Delete "a second" before the word "reflection"

Applicant submits that the above changes would not constitute new matter, and correction thereof would not require reexamination.

Pursuant to 37 C.F.R. §1.322, Applicant requests that the enclosed Certificate of Correction be approved.

Although Applicant believes that no fee is required for this Request, the Commissioner is hereby authorized to charge any additional fees which may be required for this Request to Deposit Account No. 19-0741.

Respectfully submitted,

Date November 4, 2009

By



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**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

PATENT NO. : 7,593,638  
APPLICATION NO. : 10/717,601  
DATED : 9/22/2009  
INVENTOR(S) : Olli Pekka Pohjola; Ari Tervonen

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

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MAILING ADDRESS OF SENDER (Please do not use customer number below):

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This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer,

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